

COMPLETE LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 17. (Canceled)

18. (Previously presented) An article produced by a process comprising:

providing a moulded polyethylene terephthalate container or container preform,

providing a colouration zone containing as a dispersion in a liquid medium one or more disperse dyes having a chemical affinity for polyethylene terephthalate,

and in the colouration zone contacting the container or container preform with the one or more disperse dyes in the liquid medium for a period of time and under conditions effective to cause at least a portion of the one or more disperse dyes to migrate from the liquid medium and bind to the polyethylene terephthalate of the container or container preform.

19. (Previously presented) A moulded polyethylene terephthalate article having an inside surface and an outside surface and a disperse dye having a chemical affinity to polyethylene terephthalate bound predominantly to one, but not the other, of said surfaces.

20. (Previously presented) An article according to claim 19, said article comprising a container or container preform, wherein the disperse dye is bound below the surface of the container or container preform as a result of migration from a surface point of contact into the material of the polyethylene terephthalate container or container preform.

21. – 56. (Canceled)

57. (Previously presented) An article according to claim 18, wherein said disperse dye is selected from the group consisting of anthraquinone, indanthrone, monoazo, diazo, mithine, quinophthalone, perinone, naphthalidimide, thioindigo dyes and combinations thereof.

58. (Previously presented) An article according to claim 19, wherein said disperse dye is selected from the group consisting of anthraquinone, indanthrone, monoazo, diazo, mithine, quinophthalone, perinone, naphthalidimide, thioindigo dyes and combinations thereof.

59. (Canceled)

60. (New) An article produced by a process comprising:

providing a moulded polyethylene terephthalate container or container preform,

providing a colouration zone containing as a dispersion in a liquid medium one or more disperse dyes having a chemical affinity for polyethylene terephthalate,

and in the colouration zone contacting the container or container preform with the one or more disperse dyes in the liquid medium for a period of time and under conditions effective to cause at least a portion of the one or more disperse dyes to migrate from the liquid medium and bind to a specific region of the polyethylene terephthalate of the container or container preform.

61. (New) An article according to claim 18, wherein the container or container preform is contacted with said one or more disperse dyes in the liquid medium for a period of time between 10 seconds and 15 minutes.

62. (New) An article according to claim 18, wherein the container or container preform is contacted with said one or more disperse dyes so said disperse dye

is bound predominantly to one of either an inside surface or an outside surface of the container or container preform.

63. (New) An article according to claim 18, wherein said container or container preform is regioselectively contacted with said one or more disperse dyes in the liquid medium.

64. (New) A process for producing an article as claimed in claim 18, the process comprising:

providing a moulded polyethylene terephthalate container or container preform,

providing a colouration zone containing as a dispersion in a liquid medium one or more disperse dyes having a chemical affinity for polyethylene terephthalate,

and in the colouration zone contacting the container or container preform with the one or more disperse dyes in the liquid medium for a period of time and under conditions effective to cause at least a portion of the one or more disperse dyes to migrate from the liquid medium and bind to the polyethylene terephthalate of the container or container preform.

65. (New) A process as claimed in claim 64, wherein the container or container preform is contacted with said one or more disperse dyes in the liquid medium for a period of time between 10 seconds and 15 minutes.

66. (New) A process as claimed in claim 64, wherein the container or container preform is contacted with said one or more disperse dyes in the liquid medium so said disperse dye is bound predominantly to one of either an inside surface or an outside surface of the container or container preform.
67. (New) A process as claimed in claim 64, wherein said container or container preform is regioselectively contacted with said one or more disperse dyes in the liquid medium.